

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

Claim 1 (Original): A modular structured, portable device for measuring or testing components of optical or electrical networks, with a base module, which contains base electronics and control and display panels located in the front area, and with at least one function module, which is attached externally to the reverse side of the base module via a mechanical interface and which contains a functional unit with measuring or testing electronics, which operates with the base electronic via a functional interface, wherein the function module is attached to the base module and may be replaced with a different function module with a different functional unit, depending upon application.

Claim 2 (Original): A device according to claim 1, wherein a mechanical interface is attached at a reverse side of the function module through which an additional function module can be attached to the reverse side of the first function module, which contains a different functional unit, which interact through a functional interface with the functional unit of the function module or with the measuring or test electronics.

Claim 3 (Original): A device according to claim 2, wherein the mechanical interface between function module and base module and the mechanical interface between two function modules are essentially identical.

Claim 4 (Original): A device according to claim 1, wherein each mechanical interface features quick connectors, which lock in place automatically when the

function module is being attached, wherein disengaging means can be used through which the lock can be released to detach the function module.

Claim 5 (Original): A device according to claim 1, wherein the functional interface between two modules features at least one component at the reverse side of one module and at least a complementary component at the front side of the other module, wherein these components are shaped in such a manner that they couple automatically when one module is being attached to the other.

Claim 6 (Original): A device according to claim 1, wherein the functional interface between two function modules and the functional interface between function module and base module are essentially identical.

Claim 7 (Original): A device according to claim 1, wherein a final module designed as a protective element is integrated into a reverse side of the last function module.

Claim 8 (Original): A device according to claim 1, wherein a final module is provided, which can be attached via a mechanical interface outside to a reverse side of the last function module.

Claim 9 (Original): A device according to claim 8, wherein the mechanical interface between the function module and the base module is not compatible with the mechanical interface between the final module and the function module.

Claim 10 (Original): A device according to claim 8, wherein the mechanical interface between the function module and the base module and the mechanical interface between the final module and the function module are essentially identical.

Claim 11 (Original): A device according to claim 1, wherein the mechanical interface on one module features at least one stationary retaining hook, which sticks out on one side and engages into a retaining opening on the other module thus reaching behind an opening rim, and where the mechanical interface on one module also features at least one pivoting snap-fit which sticks out on a side opposite to the retaining hook and engages into a lock opening on the other module thus locking in place by reaching behind an opening rim.

Claim 12 (Original): A device according to claim 11, wherein the module with at least one snap-fit features disengaging means, which interact with at least one snap-fit and when operated cause the snap-fit to swivel back by releasing the opening rim.

Claim 13 (Original): A device according to claim 1, wherein the functional interface is designed as an electrical or optical interface.

Claim 14 (Currently amending): A device according to claim 1, wherein the device is designed as a ~~TDR~~ an electrical time domain reflectometer or encompasses a ~~TDR~~ an electrical time domain reflectometer.

Claim 15 (Currently amending): A device according to claim 1, wherein the device is designed as an ~~OTDR~~ optical time domain reflectometer or encompasses an ~~OTDR~~ optical time domain reflectometer.

Claim 16 (Currently amending): A device according to claim 1, wherein the device is designed as a ~~WDM~~ wavelength division multiplexing test device or encompasses a ~~WDM~~ wavelength division multiplexing test device.

Claim 17 (Currently amending): ~~A modular device system with a modular structured, portable device according to claim 1 for measuring or testing components of optical or electrical networks, with a base module, which contains~~

~~base electronics and control and display panels located in the front area, and~~ A modular structured, portable device for measuring or testing components of optical or electrical networks, the device comprising:

a base module, said base module having base electronics and control and display panels located in the front area;

~~with at least two~~ a plurality of function modules, ~~which~~ said plurality of function modules being ~~are~~ interchangeable via a mechanical interface attachable outside on ~~the~~ a reverse side of the base module, wherein each of said plurality of function ~~module~~ modules ~~contains~~ has ~~one~~ a functional unit with measuring and testing electronics, said functional unit ~~which interacts~~ interacting at ~~the~~ one of said plurality of function modules ~~that is~~ being attached to ~~the~~ said base module with the base electronics via a functional interface, wherein ~~the~~ said plurality of function modules each differ in regards to ~~their~~ a functional units depending upon an application.

Claim 18 (Currently amending): A device system according to claim 17, wherein ~~all~~ each of said plurality of function modules are equipped with a mechanical coding devices, ~~which are~~ said mechanical coding device being coded ~~in~~ such ~~a manner~~ that a functionally nonsensical combination of said plurality of function modules cannot be installed.

Claim 19 (Currently amending): ~~A combination of devices according to claim 18,~~ The device system of claim 18, wherein the coding of ~~the~~ each coding devices is based on a parameter being selected from the group consisting of the a function of ~~the~~ said respective functional unit, ~~its~~ a power consumption of said respective functional unit, ~~or~~ a the weight of ~~the~~ said respective function module, and any combinations thereof.

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Claim 20 (Currently amending): A function module for a device according to ~~claim 1 or for a device system according to claim 17, encompassing a~~ wherein said functional unit with measuring or testing electronics, has at least one mechanical interface and at least one functional interface.

Claim 21 (New): A function module for a device according to claim 1, ~~or for a device system according to claim 17, encompassing a~~ wherein said functional unit with measuring or testing electronics, has at least one mechanical interface and at least one functional interface.